

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460**



United States  
Environmental Protection  
Agency

**Office of Pesticide Programs**

**Antimicrobials Division (AD)**

July 2, 2014

EPA Reg#: 87742-1		DP Barcode: DP 413953 Submission #: 938746	
Product name: Thymox Disinfectant Spray		Registrant: Laboratoire M2	
Reviewer's name: Chris Jiang		AD/PSB/CTT- Product Chemistry Review	
Agency due date: July 5, 2014		PSB received date: August 8, 2013	
CTT received date: September 12, 2014		Science due date: June 5, 2014	
Formulation type: TGAI _____; MUP _____; EUP __X__			
Integrated system: <input checked="" type="checkbox"/>	Non integrated system: <input type="checkbox"/>	Food use: <input type="checkbox"/>	Non food use: <input checked="" type="checkbox"/>
Action Code: A570		Date Completed: July 2, 2014	
PC Code(s) :)	CAS #(s)	Active Ingredient Names	% wt (label)
080402	89-83-8	Thymol	0.23
Molecule structure (optional):   			
Test Lab: Eurofins Product Safety Labs			
MRID(s): 49184003			
Approver: Karen P. Hicks		Approved date: July 2, 2014	
Guideline: 830.6317 and 830.6320			
Comments:			



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OFFICE OF  
CHEMICAL SAFETY  
AND POLLUTION  
PREVENTION

July 2, 2014

**MEMORANDUM**

**Subject:** Review for 87742-1

**From:** Chris Jiang, Chemist  
Chemistry and Toxicology Team  
Product Science Branch  
Antimicrobials Division (7510P)

**Thru:** Karen P. Hicks, CT Team Leader  
Chemistry and Toxicology Team  
Product Science Branch  
Antimicrobials Division (7510P)

**To:** Jacqueline Hardy, PM 34/Stacey Grigsby  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

**Applicant:** Clorox Professional Products Company

**Formulation from Label**

<u>Active Ingredient(s)</u>	<u>% by wt.</u>
Thymol	00.23%
<u>Other Ingredients</u>	97.77%
Total	100.00%

## **BACKGROUND:**

The registrant has submitted a joint study for storage stability and corrosion characteristics (MRID 49184003).

## **FINDINGS:**

- 1) The joint study for storage stability and corrosion characteristics is **acceptable**. At ambient temperature, the respective average percentages of thymol were 0.251, 0.246, 0.251, 0.243, and 0.251 at the initial observation, after 3 months, after 6 months, after 9 months, and after 12 months.
- 2) The observations for corrosion characteristics were made at the same time that the observations for storage stability were made. The packaging was a fluorinated high density polyethylene (HDPE) container with a trigger sprayer. During the storage period, the containers showed no signs of cracking, fogging, distortion, or discoloration.

## **CONCLUSIONS:**

Product Science Branch of Antimicrobials Division finds the data for 87742-1 to be acceptable.